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浙江新安化工集团股份有限公司
ZHEJIANG XINAN CHEMICAL INDUSTRIAL GROUP CO.,LTD

浙江新安进出口有限公司
ZHEJIANG WYNCA IMPORT & EXPORT CO., LTD

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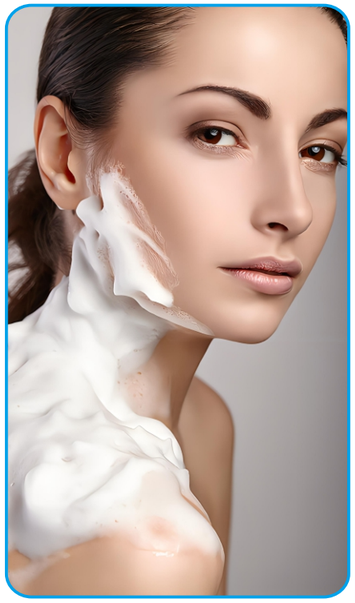
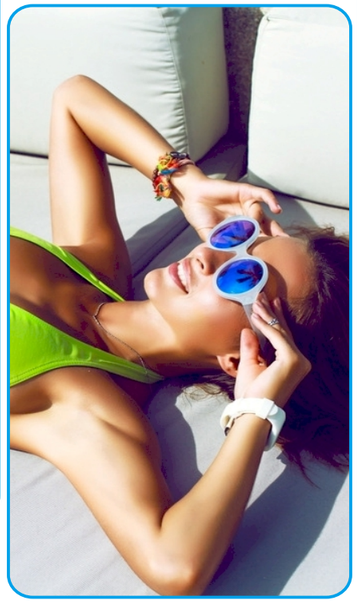
Wynca新安

SILICONE MATERIALS FOR PERSONAL CARE

个人护理产品手册







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ZHEJIANG XINAN CHEMICAL INDUSTRIAL GROUP CO.,LTD



企业简介
COMPANY PROFILE

Wynca Group was founded in 1965 and came on the market in 2001, possessing 80+ holding subsidiaries and more than 8000+ employees.

Wynca is mainly engaged in three industries: crop protection, silicon–based new materials and new energy materials. Silicon–based new materials have a complete industrial chain from mining and smelting upstream silicon, organic silicon monomer synthesis and manufacturing downstream products, which are widely used in electric power communication, rail transportation and automobile, medical and health care, consumer electronics and other fields in more than 130 countries and regions worldwide.

Global top 20 agrochemical sales, China's leading enterprise in fluorosilicon industry, China's top 500 manufacturing industry, China's top 500 chemical industry

企业文化
CORPORATE CULTURE

- **Mission:**
  Environmental friendly chemicals create a better life.
- **Vision:**
  Be a global leader in silicon, phosphorus–based new materials and crop protection solutions.
- **Core Values:**
  Customer prior, Contribution oriented, Hard struggle, Co–creating and sharing together.
- **Spirit:**
  Stay exploring,Keep innovating.

Silicone products for Personal Care

Volatile Fluids

Phenyl Silicones

Film Formers

Silicone Gum

Silicone Gum Blends

Silicone Elastomers

Dimethyl Silicone Fluids

Silicone Powder

Silicone Emulsions

Vinyl Silicone Fluids

Silicone Polyether & Emulsifying Agents

Alkyl Modified Silicones

Amino Modified Silicones

Volatile Fluids

Grade Name	INCI	Viscosity 25℃,cst	Specific Gravity,25℃	Refractive Index,25℃
WYNCARE® 201-0.65	Disiloxane	0.65	0.76	1.375
WYNCARE® 201-1	Trisiloxane	1	0.82	1.382
WYNCARE® 201-1.5	Dimethicone	1.5	0.85	1.387
WYNCARE® 201-2	Dimethicone	2	0.87	1.389
WYNCARE® 022	Cyclotetrasiloxane	2.5	0.95	1.396
WYNCARE® 025	Cyclopentasiloxane	4.0	0.95	1.398
WYNCARE® 7327	Cyclopentasiloxane and cyclohexasiloxane	4.7	0.95	1.397
WYNCARE® 224	Caprylyl Methicone	3	0.84	1.413
WYNCARE® 201-1.5T	Methyl Trimethicone	1.5	0.85	1.387

Phenyl Silicones

Grade Name	INCI	Viscosity 25℃,cst	Refractive Index,25℃
WYNCARE® 7100	Phenyl Trimethicone	15-30	1.455-1.465
WYNCARE® 252M	Diphenyl Dimethicone	100, 500, 1000	1.490-1.505
WYNCARE® 252M-HV	Diphenyl Dimethicone	5,000	1.490-1.510

Film Formers

Grade Name	INCI	Solid, %	Viscosity 25℃,cst
WYNCARE® 7300M	Trimethylsiloxysilicate	100	N/A
WYNCARE® 6350M	Dimethicone (and) Trimethylsiloxysilicate	50	400-1000
WYNCARE® 4350M	Cyclopentasiloxane(and) Trimethylsiloxysilicate	50	200-700
WYNCARE® 6365M	Trimethylsiloxysilicate (and) Methyl Trimethicone	65	500-5000
WYNCARE® 6640M	Trimethylsiloxysilicate (and) Polypropylsilsesquioxane	100	N/A

Silicone Gum

Grade Name	INCI	Volatile, %	Molecular Weight	Remark
WYNCARE® Plus 0301	Dimethiconol	≤1.0	400,000-1,000,000	D4/D5/D6<1000ppm
WYNCARE® Plus 0302	Dimethiconol	≤3.0	400,000-1,000,000	

Silicone Gum Blends

Grade Name	INCI	Solvent	Gum content, %	Viscosity 25℃, cst	Specific Gravity,25℃
WYNCARE® 7501	Cyclopentasiloxane (and) Dimethiconol	Cyclics	15	5000-8000	0.91-1.01
WYNCARE® 7510	Cyclopentasiloxane (and) Dimethiconol		15	5000-10000	0.91-1.01
WYNCARE® 7549	Cyclopentasiloxane (and) Dimethicone		12	1500-4500	0.91-1.01
WYNCARE® 7511	Cyclopentasiloxane (and) Dimethicone		15	5000-8000	0.91-1.01
WYNCARE® 7534	Cyclopentasiloxane (and) Dimethicone		11	5000-8000	0.91-1.01
WYNCARE® 7591	Cyclopentasiloxane (and) Dimethicone		40	5000-9000	0.91-1.01
WYNCARE® 7401	Cyclopentasiloxane (and) Cyclotetrasiloxane (and) Dimethiconol		13	5000-8000	0.91-1.01
WYNCARE® 7201	Dimethicone (and) Dimethiconol	Dimethicone	13	2000-6000	0.91-1.01
WYNCARE® 7202	Dimethicone (and) Dimethiconol		12	2000-4000	0.91-1.01
WYNCARE® 7203	Dimethicone (and) Dimethiconol		12	1000-2500	0.91-1.01
WYNCARE® 7207	Dimethicone (and) Dimethiconol		20	5200-8400	0.91-1.01
WYNCARE® 7208	Dimethicone (and) Dimethiconol		25	3600-6900	0.91-1.01
WYNCARE® 7209	Dimethicone (and) Dimethiconol		20	5000-8000	0.91-1.01
WYNCARE® 7204	Dimethicone		14	2000-4100	0.91-1.01
WYNCARE® 7205	Dimethicone		33	350K-450K	0.91-1.01
WYNCARE® 7210	Dimethicone		20	20000-45000	0.91-1.01
WYNCARE® 7105	Isododecane (and) Dimethiconol	Alkane	15	700-1300	0.76-0.9
WYNCARE® 7106	C11-C13 Isoalkanes (and) Isohexadecane (and) Dimethiconol (and) Dimethicone (and) Trisiloxane		40	13000-24000	0.76-0.9
WYNCARE® 7107	C13-14 Isoalkane （and） Dimethiconol		27	4000-6000	0.76-0.9



Silicone Elastomers

Grade Name	INCI	Crosspolymer Content, %	Viscosity 25℃,cst	Remark
WYNCARE® 7024	Dimethicone (and) Dimethicone Crosspolymer	12.5	350000-580000	D4/D5/D6 <1000ppm
WYNCARE® 7034	Dimethicone (and) Dimethicone Crosspolymer	12.5	300000-500000	
WYNCARE® 7042	Dimethicone (and) Dimethicone Crosspolymer	13-14.5	350000-575000	
WYNCARE® 7081	Dimethicone (and) Dimethicone /Vinyl Dimethicone Crosspolymer	14	200000-500000	
WYNCARE® 7001	Dimethicone (and) Dimethicone /Vinyl DimethiconeCrosspolymer	6.25	500-3000	
WYNCARE® 7040	Cyclopentasiloxane (and) Dimethicone Crosspolymer	12.5	250000-580000	
WYNCARE® 7041	Dimethicone (and) Dimethicone Crosspolymer	12.5	250000-580000	
WYNCARE® 7045	Cyclopentasiloxane (and) Dimethicone Crosspolymer	11-18	350000-550000	
WYNCARE® 7046	Cyclopentasiloxane (and) Dimethicone Crosspolymer	13-22	>1500000	
WYNCARE® 7047	Cyclopentasiloxane (and) Dimethicone /Vinyl Dimethicone Crosspolymer	13-22	>1500000	

Dimethyl Silicone Fluids

Grade Name	INCI	Viscosity 25℃,cst	Refractive Index,25℃	Flash Point, ℃
WYNCARE® 201-5	Dimethicone	5	1.397	120
WYNCARE® 201-6	Dimethicone	6	1.397	120
WYNCARE® 201-10	Dimethicone	10	1.399	150
WYNCARE® 201-20	Dimethicone	20	1.401	160
WYNCARE® 201-50	Dimethicone	50	1.402	270
WYNCARE® 201-100	Dimethicone	100	1.403	270
WYNCARE® 201-200	Dimethicone	200	1.403	280
WYNCARE® 201-350	Dimethicone	350	1.403	315
WYNCARE® 201-500	Dimethicone	500	1.404	315
WYNCARE® 201-1000	Dimethicone	1000	1.404	315
WYNCARE® 201-12500	Dimethicone	12500	1.404	315
WYNCARE® 201-60000	Dimethicone	60000	1.404	315
WYNCARE® 201-100000	Dimethicone	100000	1.404	315
WYNCARE® 201-330000	Dimethicone	330000	1.404	315
WYNCARE® 201-500000	Dimethicone	500000	1.404	315
WYNCARE® 201-1000000	Dimethicone	1000000	1.404	315

Silicone Powder

Grade Name	INCI	Average particle size, μm
WYNCARE® 6441	Dimethicone /Vinyl DimethiconeCrosspolymer	20
WYNCARE® 6443	Dimethicone /Vinyl DimethiconeCrosspolymer(and)Silica	15
WYNCARE® 6444	Dimethicone Crosspolymer	20
WYNCARE® 500	Polymethylsilsesquioxane	1
WYNCARE® 501	Polymethylsilsesquioxane	1.5
WYNCARE® 502	Polymethylsilsesquioxane	2
WYNCARE® 504	Polymethylsilsesquioxane	4
WYNCARE® 510	Polymethylsilsesquioxane	10
WYNCARE® 505	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	5
WYNCARE® 512	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	12

Silicone Emulsions

Grade Name	INCI	Appearance	Content, %	PH	Dilution stability
WYNCARE® 6371	Amodimethicone (and) Cetrimonium Chloride (and) Trideceth-12	Milky liquid	35	7.0-8.0	no oil film and no obvious stratification
WYNCARE® 1676	Dimethiconol (and) TEA-Dodecylbenzenesulfonate	Milky liquid	60	6.0-9.0	no oil film and no obvious stratification
WYNCARE® 4678	Dimethicone (and) Dimethiconol (and) Laureth-23 (and) C12-15 Pareth-3	Milky liquid	60	4.0-8.0	no oil film and no obvious stratification
WYNCARE® 4577	Dimethicone (and) Cocamidopropyl Betaine (and) C12-15 Pareth-3 (and) Guar Hydroxypropyltrimonium Chloride	Milky liquid	65	4.0-8.0	no oil film and no obvious stratification
WYNCARE® 4389	Dimethicone (and) C12-15 Pareth-10	Milky liquid	35	4.0-8.0	no oil film and no obvious stratification
WYNCARE® 4689	Dimethicone (and) C12-15 Pareth-10	Milky liquid	60	4.0-8.0	no oil film and no obvious stratification
WYNCARE® 1500	Dimethicone/Vinyl Dimethicone Crosspolymer (and) C12-14 Alketh-12	Milky suspension	50	/	no oil film and no obvious stratification
WYNCARE® 1600	Dimethicone/Vinyl Dimethicone Crosspolymer (and) C12-14 Pareth-12	Milky suspension	50	/	no oil film and no obvious stratification
WYNCARE® 1567	Dimethiconol (and) TEA-Dodecylbenzenesulfonate (and) Glycerin	Transparent yellow liquid	21	/	no oil film and no obvious stratification

Vinyl Silicone Fluids

Grade Name	INCI	Viscosity 25℃,cst	Vinyl content, %	Volatile, %
WYNCARE® 206-100	Vinyl Dimethicone	100	2.85-3.15	<2
WYNCARE® 206-200	Vinyl Dimethicone	200	1.8-2.1	<2
WYNCARE® 206-350	Vinyl Dimethicone	350	1.4-1.5	<2
WYNCARE® 206-500	Vinyl Dimethicone	500	1.0-1.2	<2
WYNCARE® 206-1000	Vinyl Dimethicone	1000	0.85-0.95	<2
WYNCARE® 206-10000	Vinyl Dimethicone	10000	0.3-0.5	<2
WYNCARE® 206-20000	Vinyl Dimethicone	20000	0.27-0.31	<2
WYNCARE® 206-50000	Vinyl Dimethicone	50000	0.20-0.25	<2
WYNCARE® 206-65000	Vinyl Dimethicone	65000	1.95-2.05	<2
WYNCARE® 206-100000	Vinyl Dimethicone	100000	0.04-0.08	<2

Silicone Polyether & Emulsifying Agents

Grade Name	INCI	Active content, %
WYNCARE® 190	PEG/PPG -18/18 Dimethicone	100
WYNCARE® 193	PEG-12 Dimethicone	100
WYNCARE® 194	PEG-10 Dimethicone	100
WYNCARE® 195	Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone	10-14
WYNCARE® 196	Dimethicone (and) PEG/PPG-18/18 Dimethicone	30-40

Alkyl Modified Silicones

Grade Name	INCI	Product Form	Melting Point (℃)	Remark
WYNCARE® 222	C30-45 Alkyl Dimethicone and C30-45 Olefin	White wax	65-75	
WYNCARE® 221	C30-45 Alkyl Methicone and C30-45 Olefin	White wax	65-80	D4/D5/D6 <1000ppm
WYNCARE® 223	C20-24 Alkyl Dimethicone(and) C20-24 Olefin	Solid	31-38	

Amino Modified Silicones

Grade Name	INCI	Viscosity 25℃, cst	Amino Content, mmol/g	Specific Gravity, 25℃
WYNCARE® 242	Amodimethicone	3000-5000	0.1-0.25	0.98
WYNCARE® 243H	Aminoethylaminopropyl Dimethicone	1000-1500	0.32-0.42	0.98
WYNCARE® 243L	Aminoethylaminopropyl Dimethicone	10000-13000	0.07-0.15	0.98
WYNCARE® 243M	Aminoethylaminopropyl Dimethicone	5000-14000	0.15-0.25	0.98
WYNCARE® 244	Bis-Aminopropyl Dimethicone	5000-16000	0.02-0.05	0.97




Kaihua Yuantong


Leshan Silicon-based Material


Wynca Silicon-based Materials(Yanjin)


Wynca Silicon-based Materials(Ruili)


Yunnan Yonglong

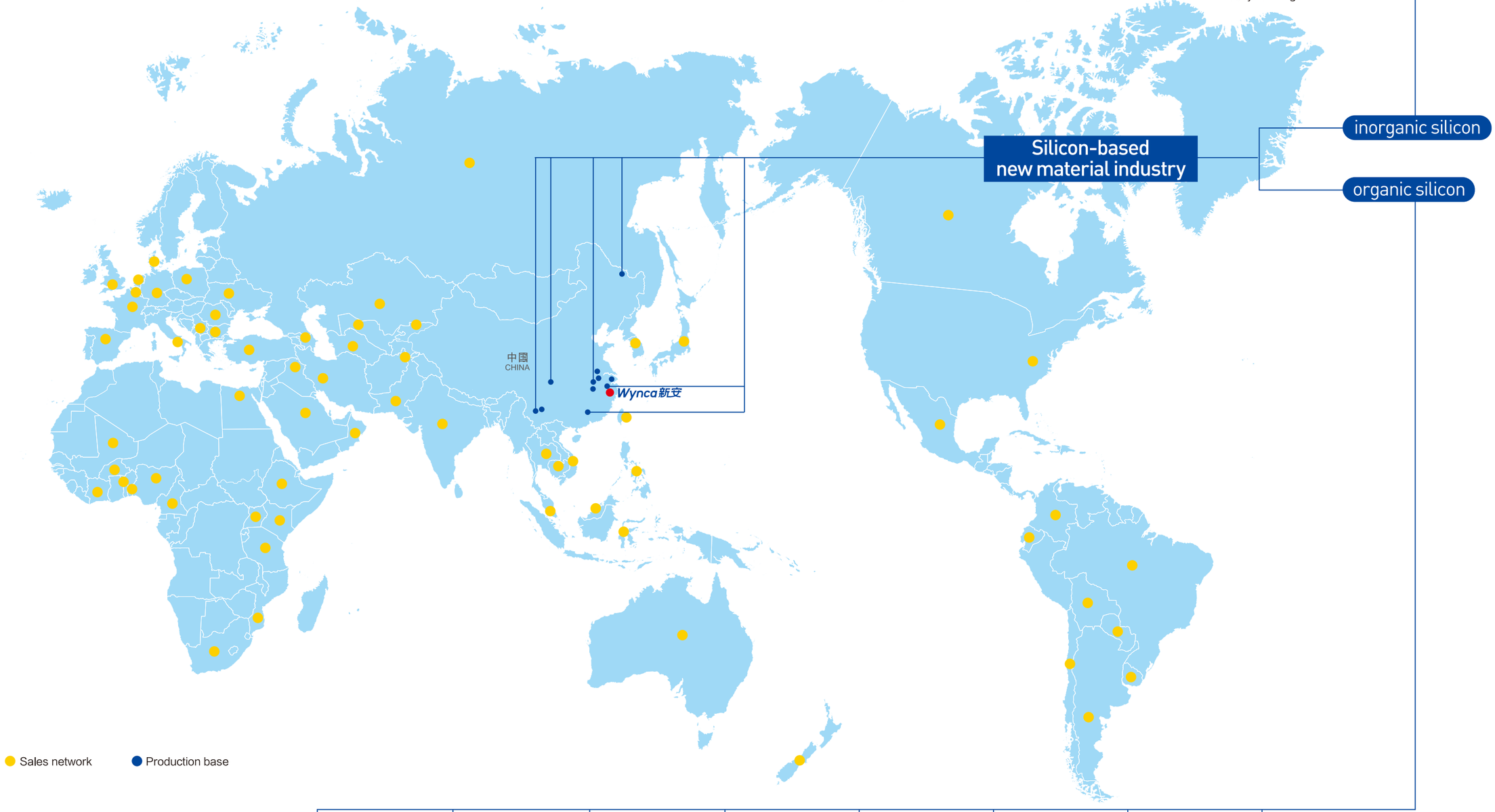

Sichuan Xilong


Heihe Yuantai


Yanjin Mining

Silicon-based new material industry

- inorganic silicon
- organic silicon



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